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7590 04/22/2005

Hughes Electronics Corporation
Patent Docket Administration
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07/26/2005 RHEBRAH 00000027 500383 10613877

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Georgann S. Grunebach (Depositor's name)
[Signature] (Signature)
July 22, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,877	07/03/2003	Mustafa Eroo	PD-203021	7224

TITLE OF INVENTION: BIT LABELING FOR AMPLITUDE PHASE SHIFT CONSTELLATION USED WITH LOW DENSITY PARITY CHECK (LDPC) CODES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/22/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
VARTANIAN, HARRY	2634	375-298000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
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2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
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1. Georgann S. Grunebach
2. _____
3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNER:

THE DIRECTV GROUP, INC.

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

El Segundo, California USA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
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5. Change in Entry Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

[Signature]

Date July 22, 2005

Typed or printed name

Georgann S. Grunebach

Registration No. 33,179

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Date: July 22, 2005

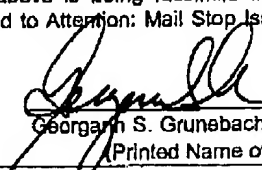
From: Georgann S. Grunebach
Assistant General Counsel

Fax: (310) 964-0941
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Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

July 22, 2005
(Date of Signature)

Attention: Commissioner for Patents

Please find attached Re: 10/613,877

Attorney Docket No. PD-203021

- > TRANSMITTAL COVER FOR ISSUE AND PUBLICATION FEES
- > PART B - FEE(S) TRANSMITTAL

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